Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Saturday 04 Dec 2021 until 23:59 on Sunday 05 Dec 2021

Forecast Issued on Friday 03 Dec 2021 at 16:44

Confidence: High for increasingly settled conditions through the weekend and for a very unsettled period early next week, but lower for details of cloud and precipitation on Saturday, and from Monday due to uncertainties over the track of a series of lows close to or across the UK.

Headline for Saturday 04 Dec 2021: Rather cloudy with showers or longer spells of rain, sleet and snow. Strengthening northwesterly winds.

Mountain weather hazards on Saturday 04 Dec 2021

Blizzards
No Likelihood

Heavy Snow
Low Likelihood

Storm force winds
Low Likelihood

Gales
No Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Light rain	Sleet showers (night)	Sleet showers	Sleet	Sleet	Sleet showers (night)	Sleet showers (night)
Precipitation probability							
30%	60%	40%	30%	70%	50%	40%	40%

Forecast for Saturday 04 Dec 2021

Weather: A few clear spells in the east at first, otherwise cloudy overnight with outbreaks of rain, these turning increasingly to sleet and snow on higher hills. The precipitation turns more showery around dawn to leave it brighter for a time with occasional sleet or snow showers. The showers may be heavy at times and may merge to give a longer spell of snow through the late morning and afternoon. Any showers or longer spells of rain, sleet and snow become confined to eastern hills during the evening with clear spells developing in west.

Chance of cloud free mountain/hill tops above 600m: Around 60% at first and again, especially in the west, later becoming close to zero at times through the late morning and afternoon.

Visibility: Occasional cloud above 450-600m at first and again, especially in the west, later becoming periods or persistent at times through the late morning and afternoon. Otherwise visibility very good falling to several kilometres in showers and a kilometre or less in heavy snow showers.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Saturday 04 Dec 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/19 SW	19/26 SW	23/32 W	22/30 W	23/32 W	22/32 W	22/31 NW	21/30 NW	21/31 NW
300	10/15 SW	14/21 SW	17/26 W	20/29 W	20/30 W	19/29 W	17/27 NW	16/26 NW	16/25 NW
Valley	6/14 SW	9/20 SW	11/24 W	12/26 W	13/27 W	14/28 W	11/24 NW	10/22 NW	10/22 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-2	2/-3	1/-6	-0/-7	1/-6	0/-6	0/-7	-0/-7	-1/-8
300	4/1	4/0	4/-1	2/-4	3/-3	3/-3	3/-3	2/-3	2/-4
Valley	4/2	5/1	4/0	2/-2	3/-1	3/-1	3/-1	2/-2	2/-2
Freezing Level*	1100m	1000m	700m	600m	700m	700m	600m	600m	500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Increasingly significant chill effect as winds strengthen and temperatures fall at all levels. Gusts around 40mph over higher peaks.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Fri 03 Dec 2021	1mm	1.2mm	18mm

Forecast for Sunday 05 Dec 2021

Weather: Some clear spells overnight but generally rather cloudy with, especially in the east, occasional sleet or snow showers. Further sleet or snow showers expected across eastern hills with sunny spells, the best of these in the west, the showers dying out through the afternoon. Dry with long clear spells through the evening.

Maximum wind: Northerly 25mph, gusts around 40mph over higher peaks, decreasing 15mph by early afternoon becoming 10mph or less in evening.

Chance of cloud free mountain/hill tops above 600m: Around 40% across the east until mid-afternoon, otherwise close to 90% with only small amounts of cloud expected below the summits.

Visibility: Occasional or periods of cloud above 600m in the east until mid-afternoon. Otherwise very good visibility, perhaps falling to around a kilometre at times in snow showers in the east.

Temperature: **Valleys:** Around plus 2 or 3 Celsius at dawn rising to 6 or 7 Celsius by day
At 600m: Around zero Celsius
Freezing level: Around 600m

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